

CLAIMS

1. A regenerated resin composition comprising (I) a molded article pulverized material (Component A) that satisfies conditions

(1) that the molded article pulverized material is a pulverized material of a molded article having an aromatic polycarbonate resin content of 30 to 98 % by weight,

(2) that the pulverized material has a viscosity average molecular weight of 17,000 to 30,000, and

(3) that the pulverized material has a wet heat retention ratio of at least 60 %, and

(II) an aromatic polycarbonate resin (Component B).

2. The regenerated resin composition of claim 1, which has a pulverized material (Component A) content of 5 to 60 % by weight and an aromatic polycarbonate resin (Component B) content of 5 to 90 % by weight.

3. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) has a wet heat retention ratio of at least 70 %.

4. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) contains a styrene-based resin (Component A-2-PS) or an aromatic polyester resin (Component A-2-PE).

5. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) contains 1 to 65 % by weight of Component A-2-PS or Component A-2-PE.

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6. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) contains a flame retardant (Component A-3).

5 7. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) contains 1 to 30 % by weight of a phosphoric ester (Component A-3-a) as a flame retardant.

10 8. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) contains 0.01 to 10 % by weight of an organosiloxane compound (Component A-3-b) as a flame retardant.

15 9. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) contains 0.0005 to 1 % by weight of an alkali (alkaline earth) metal salt (Component A-3-c) as a flame retardant.

20 10. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) contains 0.5 to 20 % by weight of an impact modifier (Component A-4).

25 11. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) contains 1 to 60 % by weight of a reinforcing filler (Component A-5).

30 12. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) has an aromatic polycarbonate resin (Component A-1) content of 40 to 90 % by weight.

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13. The regenerated resin composition of claim 1, wherein the pulverized material (Component A) has a viscosity average molecular weight of 18,000 to 26,000.

5 14. The regenerated resin composition of claim 1, which has a pulverized material (Component A) content of 6 to 50 % by weight and an aromatic polycarbonate resin (Component B) content of 10 to 85 % by weight.

10 15. The regenerated resin composition of claim 1, which is a regenerated resin composition composed of the pulverized material (Component A) and the aromatic polycarbonate resin (Component B), wherein the regenerated resin composition (Component C) is a
15 composition that contains

(1) 30 to 96 % by weight of an aromatic polycarbonate resin (Component C-1),

(2) 3 to 40 % by weight of a styrene-based resin (Component C-2-PS), and

20 (3) 0.01 to 30 % by weight of a flame retardant (Component C-3).

16. The regenerated resin composition of claim 15, which further contains 0.5 to 20 % by weight of an impact
25 modifier (Component C-4).

17. The regenerated resin composition of claim 15 or 16, which further contains 1 to 60 % by weight of a reinforcing filler (Component C-5).

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18. The regenerated resin composition of claim 15, which contains, as the flame retardant (Component C-3), 1 to 30 % by weight of a phosphoric ester (Component C-3-a).

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19. The regenerated resin composition of claim 15, which gives a molded article having a wet heat retention ratio of at least 60 %.

5 20. The regenerated resin composition of claim 15, which gives a molded article having an impact value retention ratio of at least 60 %.

21. The regenerated resin composition of claim 15, which
10 gives a molded article that satisfies V-0 in a flame retardancy test according to UL-94.

22. The regenerated resin composition of claim 1, which
15 is a regenerated resin composition composed of the pulverized material (Component A) and the aromatic polycarbonate resin (Component B), wherein the
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regenerated resin composition (Component C) is a composition that contains

(1) 30 to 96 % by weight of an aromatic polycarbonate
20 resin (Component C-1),
(2) 3 to 40 % by weight of an aromatic polyester resin (Component C-2-PE), and
(3) 0.01 to 30 % by weight of a flame retardant (Component C-3).

25 23. The regenerated resin composition of claim 22, which further contains 0.5 to 20 % by weight of an impact modifier (Component C-4).

30 24. The regenerated resin composition of claim 22 or 23, which further contains 1 to 60 % by weight of a reinforcing filler (Component C-5).

25. The regenerated resin composition of claim 22, which

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gives a molded article having a wet heat retention ratio of at least 60 %.

26. The regenerated resin composition of claim 22, which gives a molded article having an impact value retention ratio of at least 60 %.

27. The regenerated resin composition of claim 22, which gives a molded article that satisfies V-0 in a flame retardancy test according to UL-94.

28. The regenerated resin composition of claim 1, which is a regenerated resin composition composed of the pulverized material (Component A) and the aromatic polycarbonate resin (Component B), wherein the regenerated resin composition (Component C) is a composition which contains

(1) 50 to 98 % by weight of an aromatic polycarbonate resin (Component C-1),

(2) 0.01 to 30 % by weight of a flame retardant (Component C-3), and

(3) 0 to 20 % by weight of an impact modifier (Component C-4).

29. The regenerated resin composition of claim 28, which further contains 1 to 30 % by weight of a reinforcing filler (Component C-5).

30. The regenerated resin composition of claim 28, which contains, as the flame retardant (Component C-3), 1 to 30 % by weight of a phosphoric ester (Component C-3-a).

31. The regenerated resin composition of claim 28, which gives a molded article having a wet heat retention ratio

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of at least 60 %.

32. The regenerated resin composition of claim 28, which gives a molded article having an impact value retention
5 ratio of at least 60 %.

33. The regenerated resin composition of claim 28, which gives a molded article that satisfies V-0 in a flame retardancy test according to UL-94.

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34. A molded article formed of the regenerated resin composition recited in any one of claims 1, 15, 22 or 28.

35. The molded article of claim 34, which has a wet heat
15 retention ratio of at least 60 %.

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